

Oklahoma

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	3,909	453,928	32	Total R&D performance, 1995 (millions)	\$529	\$177,210	37
Doctoral engineers, 1995	877	86,738	29	Industry R&D, 1995 (millions)	\$288	\$130,332	38
S&E doctorates awarded, 1996	247	27,230	31	Academic R&D, 1996 (millions)	\$202	\$22,481	31
of which, in engineering	27%	23%		of which, in life sciences	47%	56%	
in life sciences	26%	25%		in engineering	21%	16%	
in psychology	14%	13%		in environmental sciences	9%	6%	
S&E postdoctorates, 1996	187	37,019	32	Higher education current-fund expenditures, 1995 (millions)	\$1,561	\$182,602	33
in doctorate-granting institutions							
S&E graduate students, 1996	4,470	430,631	30	Number of SBIR awards, 1990-1997	81	31,155	35
in doctorate-granting institutions				Patents issued to state residents, 1997	416	61,699	29
Population, 1997 (000s)	3,317	271,464	28	Gross state product, 1996 (billions)	\$72.8	\$7,677.4	30
Civilian labor force, 1997 (000s)	1,600	137,564	29	of which, agriculture	2%	2%	
Personal income per capita, 1997	\$20,556	\$25,598	43	manufacturing, mining, construction	26%	23%	
Federal spending				transportation, communication, utilities	10%	8%	
Total expenditures, 1997 (millions)	\$17,317	\$1,405,060	29	wholesale and retail trade	16%	16%	
R&D obligations, 1996 (millions)	\$138	\$66,087	41	finance, insurance, real estate	12%	19%	
				services	17%	20%	
				government	16%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	137,548	45,622	0	35,668	45,749	9,320	1,189	41
Department of Agriculture	16,605	9,677	0	0	6,911	0	17	28
Department of Commerce	6,503	5,788	0	565	150	0	0	25
Department of Defense	26,485	11,279	0	12,262	2,944	0	0	36
Department of Energy	24,197	1,374	0	19,207	2,971	320	325	22
Dept. of Health & Human Services	30,359	4	0	336	21,140	8,708	171	38
Department of Interior	2,885	2,801	0	0	84	0	0	41
Department of Transportation	11,237	8,156	0	1,729	676	0	676	15
Environmental Protection Agency	7,689	6,543	0	672	474	0	0	16
Nat'l Aeronautics & Space Admin.	1,140	0	0	642	498	0	0	45
National Science Foundation	10,448	0	0	255	9,901	292	0	37
State rank	41	33	na	38	39	28	35	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable